

FIG 1

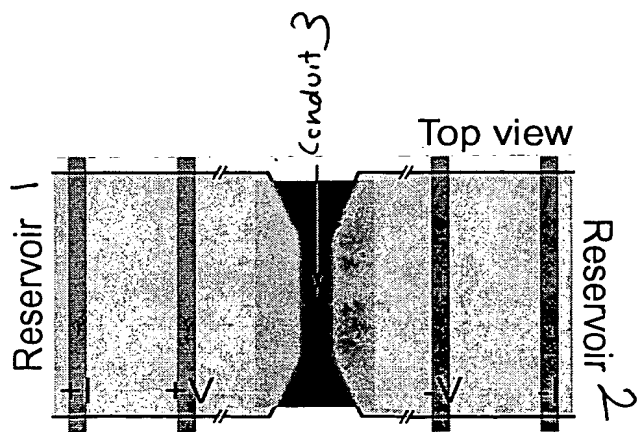
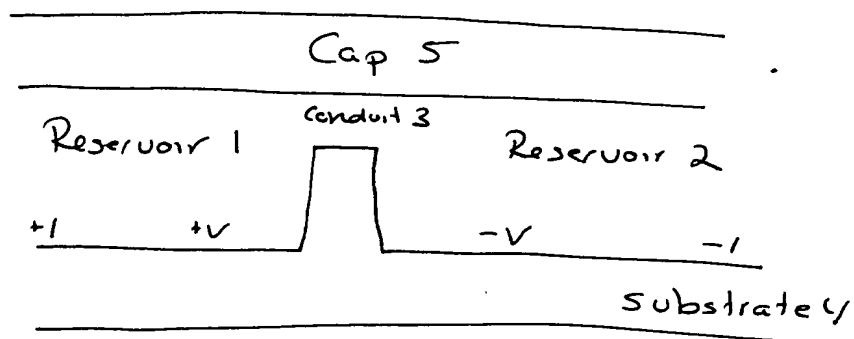
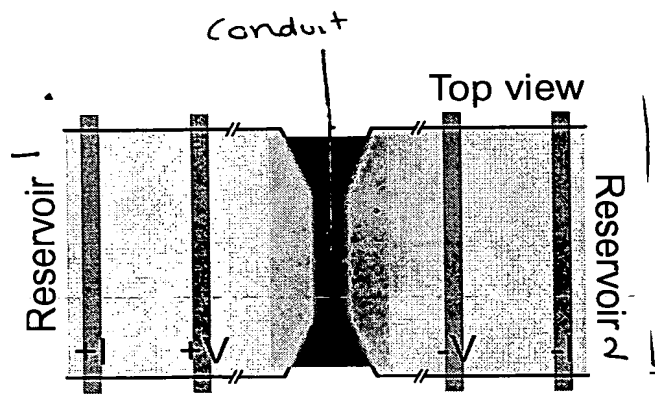
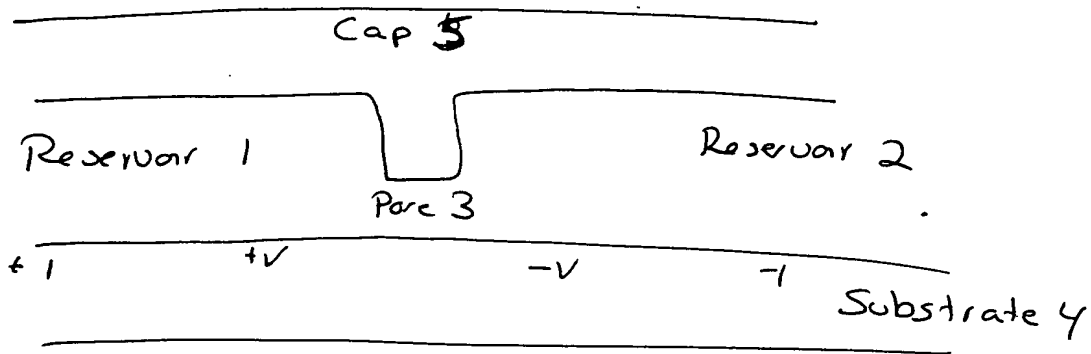
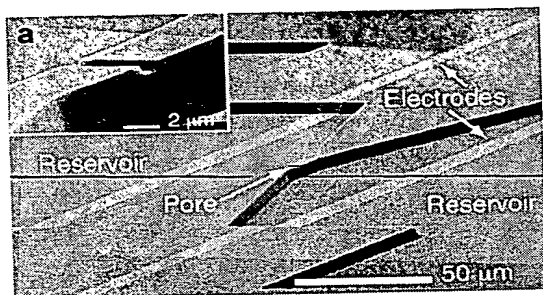


FIG. 2





b

FIG. 3

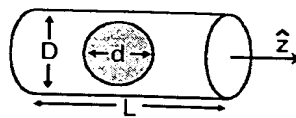
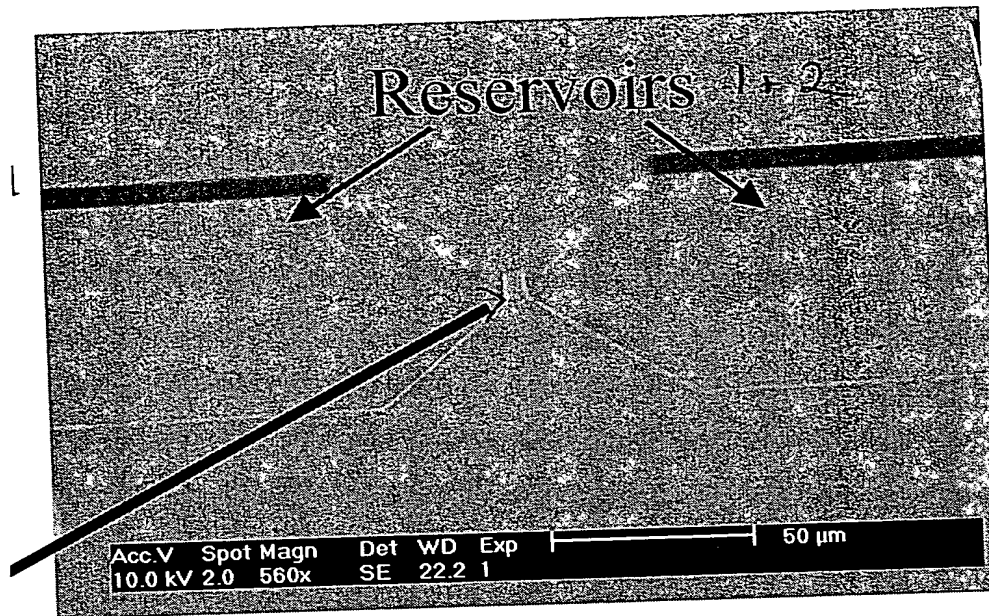


FIG. 4

FIG. 5



Conduct 3

Poles

FIG. 6

FIG. 6

Shared electrode

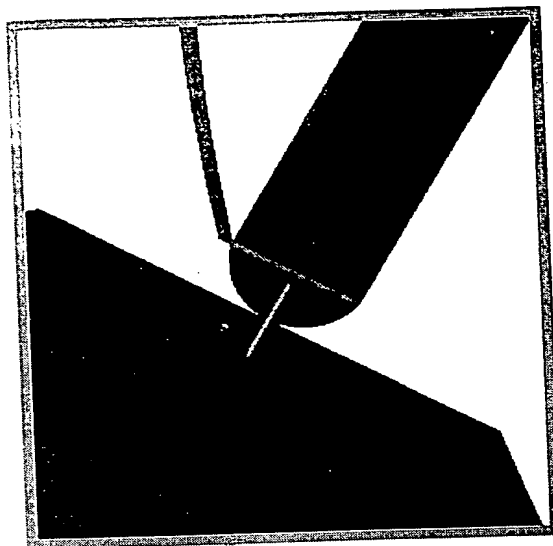
1st & 2nd electrode

Reservoir 1

Reservoir 2

Reservoir 1

Reservoir 1



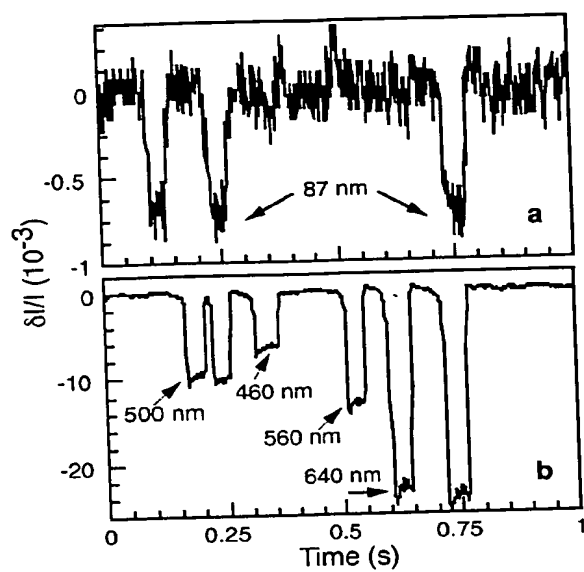


FIG. 7

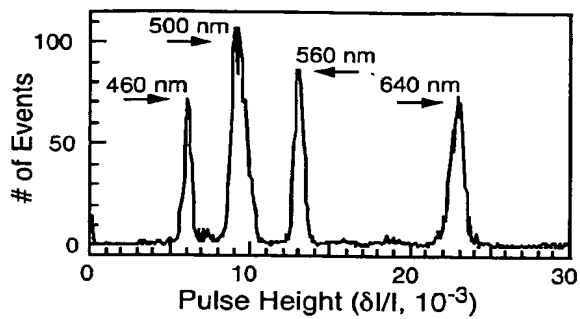


FIG. 8

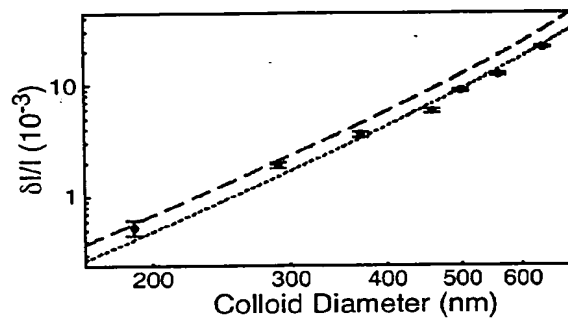


FIG. 9

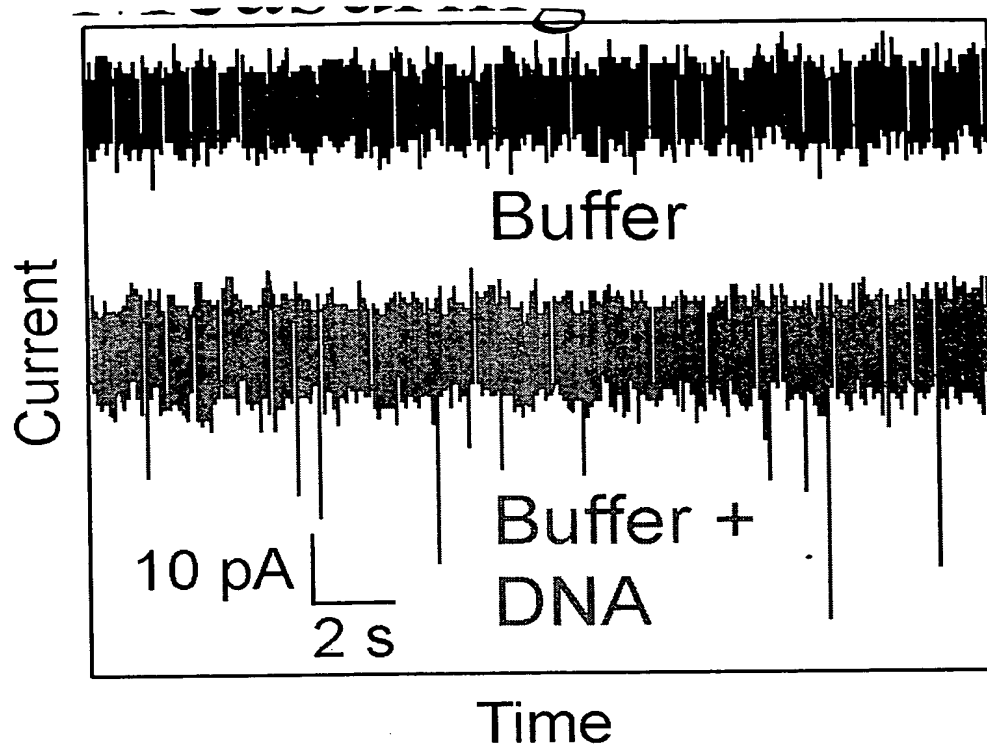


FIG. 10

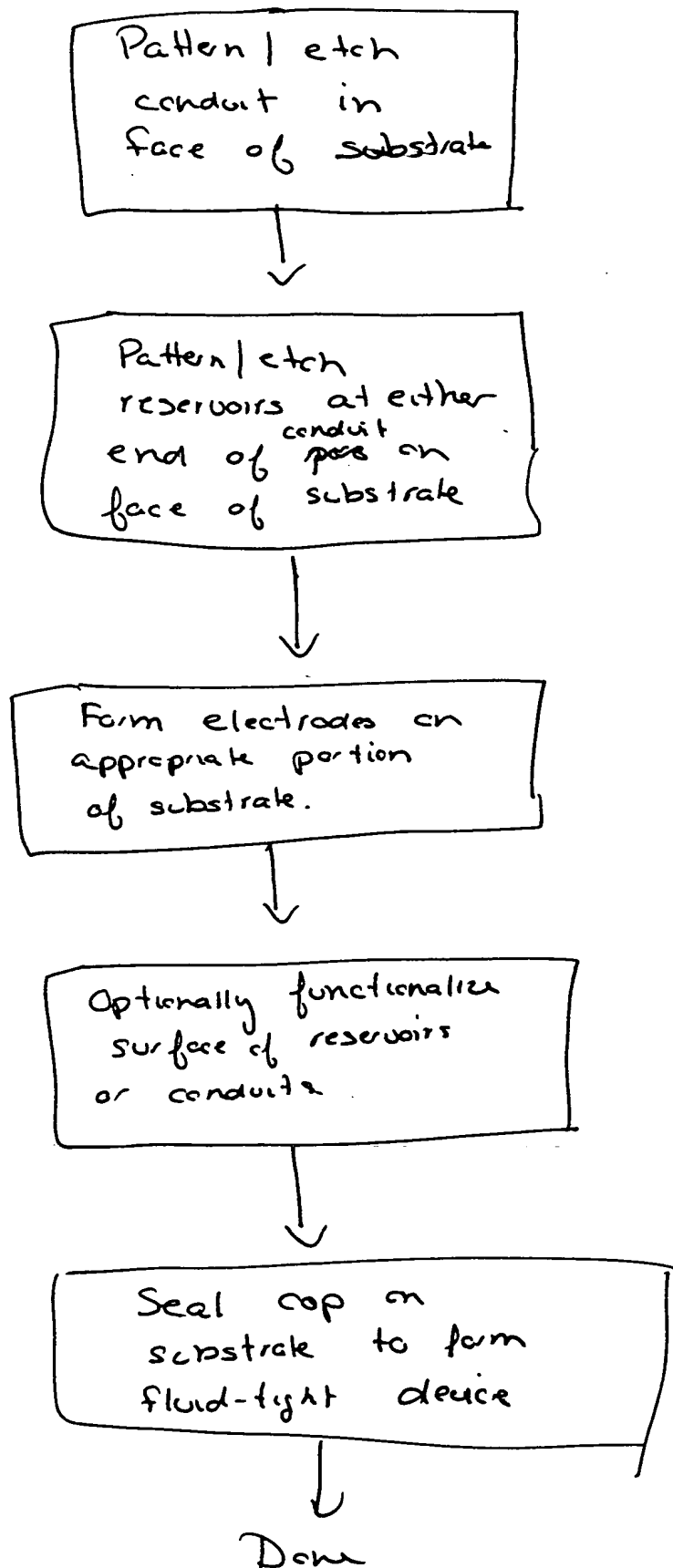


Fig. 17

Pattern conduit as
thin raised line on
~~negative master mold~~
mold substrate



Pattern reservoir as
raised island connected
by raised conduit to
form negative master mold



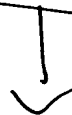
Cast cap on master.
Harden & remove.



Optionally functionalize
surface of cap.



Seal cap onto
substrates with electrodes



Done

FIG. 12

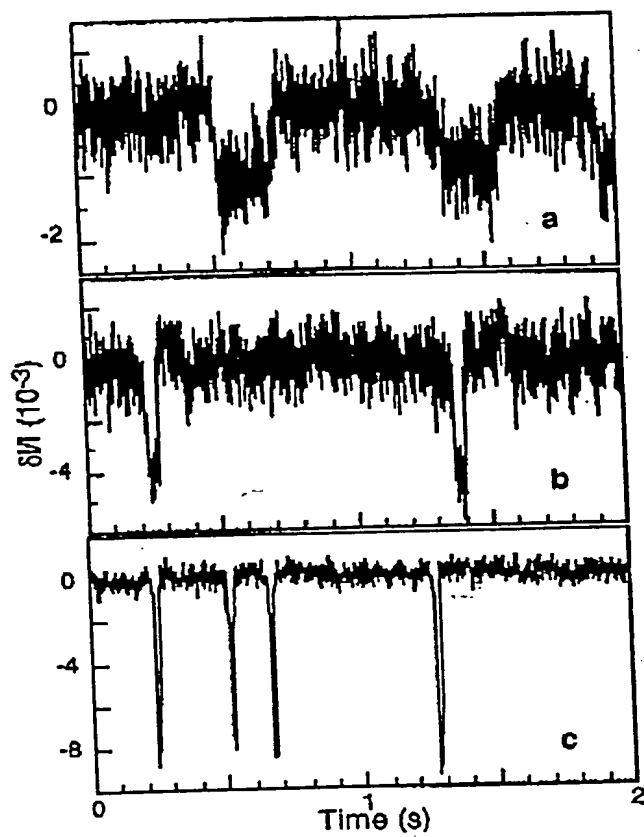


FIG. 13